

MW comprising of 33941.8 MW Hydro, 84149.9 MW Thermal and 3900 Nuclear and 6190.9 MW Wind.

(b) According to the data available in the Integrated Energy Policy report, the estimated proven reserves of coal in the country is over 38100 Million tons of oil equivalent (Mtoe), Lignite reserve is 1220 Mtoe, Oil reserve is 786 million tons, gas reserve is 1101 Mtoe and coal bed methane is 765 Mtoe. The report further indicates substantial availability of thorium reserves.

The re-assessment studies of hydro-electric potential of the country, completed by the Central Electricity Authority in 1987, have placed the exploitable hydro power potential at 84,044 MW at 60% load factor which will result in an install capacity of about 1,50,000 MW on the basis of probable average load factor.

In addition, currently the estimated renewable energy potential is reported to be over 84,700 MW.

For optimum utilization of energy resources in the power sector, following actions have been taken:

- Coal to remain the main stay in the energy fuel mix. Out of the projects aggregating to over 76400 MW identified for the Eleventh Plan, over 51,000 MW is coal based.
- Nuclear capacity would increased from present 3900 MW to over 7200 MW.
- Shelf of thermal projects aggregating to over 1,00,000 MW has been prepared for taking up in the future.
- 50,000 MW hydro initiative has been launched for coordinated development of hydro potential.
- * During Eleventh Plan, capacity, addition to the tune of 14,000 MW through renewable sources is proposed.

Ultra mega power project in Karnataka

661. SHRI JANARDHANA POOJARY: Will the Minister of POWER be pleased to state:

(a) whether Government have proposed to set up ultra mega power

projects in different parts of the country, including Karnataka, with a production capacity of over 4,000 MW per project;

(b) if so, the details thereof;

(c) whether the Karnataka project may not materialize;

(d) if so, the reasons therefor;

(e) whether attempts have been made to find alternate site in Karnataka for setting up the proposed ultra mega power project; and

(f) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) Yes. Sir, Ministry of Power has launched an initiative for the development of nine (9) coal based ultra mega power projects of about 4000-MW capacity each under tariff based competitive bidding. The following sites have been identified:

- (i) Near Sasan village in Sidhi District in Madhya Pradesh;
- (ii) Near Tundawanda village in Kutch District in Gujarat;
- (iii) Krishnapatnam village in Nellore District in Andhra Pradesh;
- (iv) Near Akaltara in Janjgir-Champa District in Chhattishgarh;
- (v) At Tadri in Uttara Kannada District in Karnataka;
- (vi) Amberi/Vaghotan villages in Sindhudurg District in Maharashtra;
- (vii) Bhedabahal village in Sundergarh District in Orissa;
- (viii) Cheyyur village in Kanchipuram District in Tamil Nadu; and
- (ix) Site near Barhi to the North East of Tilaiya Dam in Hazaribagh District in Jharkhand.

(c) and (d) Development of Ultra Mega Power Project at Tadri, Karnataka is contingent upon tying up of various inputs/clearances by the State Government.

(e) No, Sir.

(f) Does not arise.